

IAP4 Rec'd PCT/PTO 16 DEC 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:  
NAOKI TOSHIMA, ET AL

Serial Number: 10/551,974

Docket: TAN-116

Filed: October 5, 2005

Group Art Unit:

Examiner:

For: Three-Element Metal Colloid Having Three-Layer Core/Shell Structure And Method  
For Preparing Such Three-Element Metal Colloid

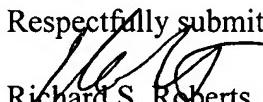
UPDATED INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned wishes to update this file by citing the references enumerated on the enclosed PTO 1449. I hereby certify that each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

Respectfully submitted,

  
Richard S. Roberts  
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Date: December 14, 2005

I hereby certify that this correspondence is being deposited  
with the United States Postal Service as first class mail, postage  
pre-paid in an envelope addressed to Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450, on December 14, 2005

  
Richard S. Roberts  
Reg. No. 27941

<b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE</b>			ATTY. DOCKET NO: TAN-116	SERIAL NO: 10/551,974
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			APPLICANT: NAOKI TOSHIMA, ET AL	
(Use several sheets if necessary)			FILING DATE: October 5, 2005	GROUP:

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

						TRANSLATION		
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AL	JP2002-060805A	2/28/2002	JAPAN (+ ABSTRACT)			X	
	AM	JP11-241107A	9/7/1999	JAPAN (+ ABSTRACT)			X	
	AN							
	AO							
	AP							

**OTHER DOCUMENTS(Including Author, Title, Date, Pertinent Pages, etc.)**

AQ	
AR	
AS	

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.